UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.   : 7,744,705 B2
APPLICATION NO.   : 10/568229
DATED   : June 29, 2010
INVENTOR(S)   : Vivian Alberts

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On Page 1, (item 57 Abstract), Line 2, please change "IB-IIIA. VIA" to --IB-IIIA-VIA--

On Page 1, (item 57 Abstract), Line 3, after "invention" please change "relations" to --relates--

On Page 2, Column 2, Line 3, please change "CuInSe$_2$" to --CuInSe$_2$--

On Page 2, Column 2, Line 22, please change "CuInSe$_2$-" to --CuInSe$_2$- --

On Page 2, Column 2, Line 36, please change "a&" to --&--

In Column 1, Line 15, after "films" insert --.--

In Column 2, Line 25, please change "Cu(In$_{1-x}$Ga$_x$)(Se$_{1-y}$S$_y$)2" to --Cu(In$_{1-x}$Ga$_x$)(Se$_{1-y}$S$_y$)$_2$--

In Column 3, Line 32, please change "Cu(In,Ga)(Se$_2$" to --Cu(In,Ga)Se$_2$--

In Column 3, Line 38 (approximate), please change "In" to --in--

In Column 4, Lines 12-13, please change "0.40 and 50" to --0.4° and 5°--

In Column 4, Line 42 (approximate), please change "A$_{(B1-x}$C$_x$)(D$_{1-y}$E$_y$)$_2$" to --A(B$_{1-x}$C$_x$)(D$_{1-y}$E$_y$)$_2$--
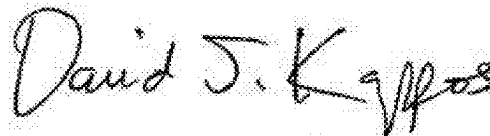
In Column 4, Line 57, please change "(2θ$_{[112]}$])" to --(2θ$_{[112]}$)--

In Column 5, Lines 20-21, please change "(2θ[112])" to --(2θ$_{[112]}$)--

In Column 5, Line 22, after "3.1840" insert --.--

In Column 6, Line 22, please change "0.007" to --0.007.--

Signed and Sealed this
Twenty-eighth Day of December, 2010

David J. Kappos
Director of the United States Patent and Trademark Office

In Column 9, Line 21, please change "ln(Se,S)" to --In(Se,S)--

In Column 9, Line 62, please change "Cu(In,Ga)Seth 2" to --Cu(In,Ga)Se$_2$--

In Column 12, Line 36, please change "FIG." to --FIGS.--

In Column 12, Line 36, please change "quanternary" to --quaternary--

In Column 12, Line 42, please change "FIG." to --FIGS.--

In Column 12, Line 43, please change "quanternary" to --quaternary--

In Column 13, Line 7, please change "(0.154056 A)" to --(0.154056 Å)--

In Column 13, Line 57, please change "1200° C." to --120° C.--

In Column 14, Line 28 (approximate), before "atomic" please change "(Ga+in)" to --(Ga+In)--

In Column 15, Line 21 (approximate), please change "FIG." to --FIGS.--

In Column 16, Line 42, please change "CuGa(Se$_{1-y}$S$_{y)2}$" to --CuGa(Se$_{1-y}$S$_y$)$_2$--

In Column 17, Line 1, please change "and(iv)" to --and (iv)--

In Column 17, Line 5, please change "and(iv)," to --and (iv),--

In Column 17, Line 16 (approximate), please change "Se$_{1-y}$S$_y$)$_2$" to --(Se$_{1-y}$S$_y$)$_2$--

In Column 17, Line 19 (approximate), please change "and(iv)" to --and (iv)--

In Column 17, Line 33 (Table 2), below "conditions" please change "H$_2$Se/Ar" to --H$_2$S/Ar--

In Column 19, Line 43 (approximate), after "0.001" insert --.--

In Column 22, Line 32, please change "and the their" to --and their--

In Column 23, Line 65, please change "and(iv)" to --and (iv)--

In Column 26, Line 32, please change "and the their" to --and their--

In Column 26, Line 58, please change "[554]These" to --[†]These--

In Column 27, Line 57, please change "bahaviour" to --behaviour--

In Column 28, Line 35, please change "in. Se and S" to --In, Se and S--

In Column 29, Line 8, in Claim 3, please change "D and" to --D, and--

In Column 29, Line 37, in Claim 14, please change "wherein, D" to --wherein D--

In Column 29, Line 42 (approximate), in Claim 15, please change "0.25 and 0.3." to --0.25 to 0.3--

In Column 29, Line 55 (approximate), in Claim 19, please change "(112]" to --[112]--

In Column 29, Line 57 (approximate), in Claim 20, please change "(112]" to --[112]--

In Column 30, Line 11, in Claim 25, please change "0.1 and 0.5." to --0.1 to 0.5.--

In Column 30, Line 17, in Claim 27, please change "(112]" to --[112]--

In Column 30, Line 23, in Claim 29, please change "(112]" to --[112]--

In Column 30, Line 30, in Claim 32, please change "0.1 and 0.5" to --0.1 to 0.5.--